

ORDINANCE - 44

Bachelor of Science (B.Sc.) and Bachelor of Science with Honors (B.Sc. Hons.)

The Faculty of Science shall offer following Under Graduate programs:

- (i) Bachelor of Science (B.Sc).
 - (ii) Bachelor of Science (B. Sc.) Hons.
 - i. Chemistry
 - ii. Computer Science
 - iii. Electronics
 - iv. Electronic Media
 - v. Information Technology
 - vi. Mathematics
 - vii. Physics
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- (a) The University shall offer above courses as per guidelines of the University Grants Commission (UGC) / State / Central Govt. issued from time to time.
 - (b) The medium of instructions and examinations shall be English throughout the course of studies, except for Certificate and Diploma courses where the student may be offered medium as Hindi.
 - (c) The Teaching, Examination Scheme and the syllabus of different subjects shall be prepared by the concerned departments and be passed by their respective Departmental Councils. Later on, it will be presented before the Board of Studies and Academic Council for their approval and implementation from the next academic year or the semester as the case may be.
 - (d) This Ordinance shall also be applicable to the Part time degree and Diploma Courses approved courses, in case they are being offered by the University.
 - (e) The University shall follow the UGC guidelines and adopt the choice based credit system.
 - (f) The University shall also offer Skill Development and Community Development courses as per the UGC guidelines.
 - (g) The minimum duration to complete the course shall be that of Three (3) years and maximum up to Six (6) years.

(h) Admission:

Candidate seeking admission in B.Sc. courses must have passed basic eligibility criteria as specified below from any recognized board or an equivalent.

Candidate must have Passed 10+2 exam with Science for admission to first year of B.Sc. Further, candidate appeared in the qualifying examination and awaiting the result may also apply and may be admitted provisionally. But, the admission shall be confirmed only after the declaration of the result and passing the examination and fulfilling the admission eligibility criteria within 30 days of admission. In addition, the University shall follow all the guidelines as given by the State / Central Government regarding admissions from time to time.

Reservations and admissions to NRI / Foreign Students / Persons of Indian Origin (PIO) / Children of Indian Workers in the Gulf Countries and Management / Institute Preference Quota shall as per the policy laid down by Central government / State government of MP.

The reservations for SC / ST / OBC (excluding creamy layer) / Minority communities shall be as per the policy laid down by Central government / State government of MP.

(i) The Teaching Scheme for B.Sc.:

While finalising the Teaching scheme and syllabi of Under Graduate program, from First Semester to Sixth Semester, full care should be taken to see that the students after graduating from this University should be well recognised by the State and the Central Governments, Government of India Undertakings, National and Multinational companies for employability and should be well recognised by the Universities in India or abroad for Higher Education. The subjects and their content taught should be capable of strengthening the fundamental concepts in Science. Also the Course structure will include Computer skills, Programming skills, English and Communication skills. There shall be in addition one qualifying paper in self-learning mode called Environmental Studies.

(j) The Teaching Scheme for B.Sc. (Hons.):

The teaching scheme from First to Fourth Semesters shall cover the CORE courses and learn language skills, computer skills and other soft-skills.

The Semester III and IV will have one additional paper each for the subject chosen by the student for the Honours. Semester V and VI shall concentrate on specific subject in case of Honours. The students shall also be taught elective courses and concentrate on Summer Trainings, Project, Seminar and Dissertation Work.

The last two semesters i.e. Fifth and Sixth semesters of studies, are very crucial for the students as they get matured and start understanding of Science. They need to gather more knowledge in their discipline so that they may either go for higher studies or become employable in potential sectors. Keeping this requirement in mind, Seminars, Projects and Electives are being introduced in these semesters. The syllabus of the electives may be prepared in consultations with the Academicians, Scientists or Industrialists.

These courses shall be revised every year, if required by the Departmental Council and approved by the Board of Studies and Academic Council respectively.

(k) The Examination Scheme:

All the rules and regulations as applicable to the Award of Grade and Grade Points, Attendance, Condoning of Deficiency, Award of Grace Marks, Award of Division and Merit List, Promotion to Higher Semester and Year etc. described in Ordinance – 4 shall be applicable in the current ordinance.